LITTER DRY STACK STRUCTURE DESIGN WORKSHEET (TWO WALLS – BOTH ENDS OPEN)

Conservation District:	Field Office:
Cooperator:	Location:
V _L = Volume of litter stored (Form GA-ENG-W _b = Width of building (dimension from insid h _m = Max height of pile (Max. 7 ft.):	e of post to inside of post): ft. ft. ft. ft. ft. qual to the wall height): ft. 14 ft depending on design chosen): ft. pelow) cluding freeboard (FB _e). ate post spacing e and open end of building. Recommend 30 degrees from
open End Sides to prevarea. Open End Sides to prevarea. Open End FB _e Sides to prevarea.	_]+
$A_x = h_m W_{b^-} 1.5(h_m - h_s)^2 = $ X 1.	$5 \times (\underline{}_{-}\underline{}_{)^2} = \underline{}_{ft^2}$
$L_{m} = (V_{L} / A_{x}) + 1.5h_{m} = (/$) + (1.5 x) =ft
FB _e = 7 ft for 12 ft high support posts OR 8 ft for	14 ft high support posts = ft
$L_i = L_m + 2FB_e =ft + 2 x () ft. =$	ft Post Spacing: ft c-c
L_T = ft (Rounded to accommodate Floor area = L_T x W_b = x =	
Designed by: Checked by: Approved by:	Date: